

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040157 A2

(51) International Patent Classification⁷: C07D 413/00

(21) International Application Number:
PCT/US2004/032314

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/513,449 22 October 2003 (22.10.2003) US

(71) Applicant (for all designated States except US): ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) Inventors; and

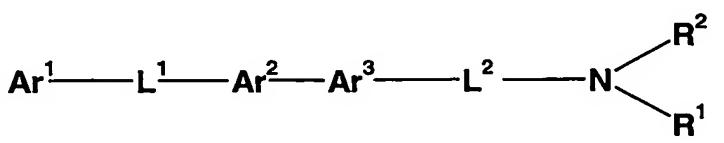
(75) Inventors/Applicants (for US only): GILLIG, James, Ronald [US/US]; 3634 Toronto Court, Indianapolis, IN 46268 (US). KINNICK, Michael, Dean [US/US]; 343 Southcreek Drive, South, Indianapolis, IN 46217 (US). MORIN, John, Michael, Junior [US/US]; 9 Roselawn Avenue, Brownsburg, IN 46112 (US). NAVARRO, MARTINEZ, Antonio [ES/ES]; Lilly, S.A., Avenida de la Industria 30, E-28108 Alcobendas (ES).

(74) Agents: GINAH, Francis, O. et al.; Eli Lilly And Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW).

(54) Title: NOVEL MCH RECEPTOR ANTAGONISTS



(I)

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(57) Abstract: The present invention relates to a melanin concentrating hormone antagonist compound of formula I: or a pharmaceutically acceptable salt thereof, useful for the treatment useful for treating Type II diabetes and/or obesity.

WO 2005/040157 A2